

## **9. Program Assessment and Reporting**

### **9.1. Overview**

This chapter describes the details that are required by the Permit in each Annual Report. These reports are due on or before October 1 each year and are submitted to the appropriate District Supervisor of the MDEQ Water Division. This chapter is organized as follows:

- Section 9.2. describes the progress of MDOT toward compliance of the permit and also describes any non-compliance issues.
- Section 9.3. describes the environmental impacts from the application of the MDOT storm water management program.
- Section 9.4. describes data and results recorded over the past year.
- Section 9.5. describes upcoming activities that will be occurring during the next reporting period.
- Section 9.6. describes changes in the types of BMPs recommended and used by MDOT.
- Section 9.7. describes changes in the MDOT storm water operators.
- Section 9.8. describes changes in the MDOT drainage system.
- Section 9.9. describes changes in the proposed fiscal analysis reported during the previous year.
- Section 9.10. describes the annual expenditures experienced during this reporting period and the expenditures expected for the next reporting period.

### **9.2. Compliance Assessment**

During this reporting period, MDOT made extensive progress toward meeting compliance goals with the Permit. One major component of MDOT's efforts was the identification and removal of illicit discharges and connections from the five Phase I communities. An initial screening of all known outfalls has been completed. Follow-up investigations of potential illicit discharges and connections are expected to be completed by the end of 2003. A summary of all of the illicit discharges and connections that were removed in this recording period and of the illicit discharge elimination program in general is provided in Chapter 10.

The appropriateness of all BMPs was assessed by MDOT, which led to the development of a MDOT approved BMP matrix in FY 2002. During this fiscal year, this BMP matrix was further edited and finalized for the MDOT Drainage Manual Chapter 9, attached in Appendix C. Many of the components of the list are discussed more specifically in the SWMP.

MDOT also complied with pollution prevention initiatives. There were no major spills at MDOT's facilities. Recycling of any oil products is dealt with on a site-to-site basis, and is discussed more thoroughly in the Pollution Incident Prevention Plan (PIPP) written for each of MDOT's facilities.

Over this reporting period, MDOT made extensive progress toward complying with the public education requirements. A new set of training modules were completed, as presented in Appendix F and discussed in Chapter 3. MDOT continued managing a public education Web site that is used to educate the general public about storm water pollution issues and the work that is ensuing. Over 2,240 brochures were distributed promoting general storm water information this reporting period. Contact information was available on the MDOT Web site for the public to be able to contact and voice their questions or concerns on the storm water management program.

MDOT also complied with the permit on a site-to-site basis. As an Authorized Public Agency (APA), MDOT maintains a pre-approved state-wide soil erosion and sedimentation control (SESC) plan that is applied to all projects to ensure compliance with all applicable and relevant SESC requirements.

Additionally, MDOT has begun participating in a number of Public Advisory Committees that deal directly or indirectly with stormwater. These include the Drain Code Work Group and Michigan's Stormwater Public Education Advisory Committee. MDOT employees have attended a number of meetings and information has been shared with these groups outlining all of MDOT's stormwater products. MDOT has also provided guidance and comment on the proposed education strategy. Refer to Appendix A for more detailed information on the meetings attended.

### **9.3. Environmental Impacts**

MDOT is implementing measures that will improve water quality. A water quality analysis of the waterways in the five Phase I communities was not part of the scope of this project, so the water quality improvement is not quantifiable at this time.

### **9.4. Data and Results**

As required in the permit, a summary of the information collected and analyzed during the reporting cycle is included in Chapter 10 of this report. This data was recorded during the Illicit Discharge and Elimination Program (IDEP) work discussed in Chapter 5 and Chapter 6 of the SWMP.

### **9.5. Upcoming Activities**

MDOT has a variety of storm water educational activities that will be implemented during the next reporting period. The MDOT Web page will continue to be promoted and updated with new information including the Internal Training Modules and this Annual Report. Watershed organizations will be informed of the posting of the Annual Report on the Web site. Previously developed articles will be published in the MDOT Today Newsletter, as well as the Adopt-a-Highway newsletter. The Lansing Information Center, renamed the Stormwater Resource Center, will be established in the refurbished MDOT library and a tracking system will be established for the storm water material that is checked out.

The MS4 team will continue to have monthly progress meetings. Appropriate MDOT employees not on the MS4 Team and members of other committees in which MDOT will be coordinating efforts with, will be invited as necessary throughout the year.

Training sessions using the Internal Training Modules will also continue to keep MDOT employees informed of storm water programs and new information concerning storm water that could be applied to their profession.

MDOT has finalized a Drainage Manual to provide MDOT designers and consultants with policies and procedures for designing drainage facilities that comply with MDOT's Storm Water Management BMPs. This Manual is in electronic format on the MDOT Storm Water Web site. It is available as a hard copy and will be referenced in consultant design contracts. MDOT is planning on producing 1,000 copies of this manual in FY 2004.

MDOT will continue to track and work towards eliminating illicit connections if they are identified during the IDEP process over the course of the next reporting period.

Non-compliance issues that are reported to MDOT will be examined and corrected. MDOT will create a more defined process to receive and consider complaints about construction storm water runoff.

Over the next reporting period, the existing operation and maintenance program, fleet maintenance program, and pesticide and fertilizer program will be continued. All flood control projects and structural BMPs that were constructed and are on a plan to be constructed over the next five-year planning period, will be identified and Phase I outfall maps will be updated annually.

An outfall with a suspected illicit connection was located in Ann Arbor, Michigan, is pending follow-up work. This potential illicit connection is currently being followed up on and the associated problems will be remedied by the end of this year.

Phase II Permit applications were submitted on March 10, 2003. The MDOT is currently working with the MDEQ to obtain an individual statewide permit with regional SWMPs to satisfy the Phase II permit requirements.

## **9.6. BMP Changes**

The MDOT Drainage Manual details any changes to the BMP list that were made. See Appendix C for an excerpt from Chapter 9 listing MDOT's approved BMP list.

## **9.7. Notice of Changes in Reliance on Permitted Drainage System Operators**

No other operators besides MDOT will be implementing the SWMP, therefore there is no change in the reliance on co-operators.

## 9.8. Drainage System Changes

Over the past five years, there have been changes to the MDOT drainage system in each of the five Phase I communities. There have been updates and corrections to the outfall maps. Rather than explain all of the changes, new maps and outfall numbers are provided. The maps showing what exists at this point are included in Chapter 10 under the discussion for each community. These maps include a table with the identification number and location (including the latitude and longitude) of all outfalls included in each community.

## 9.9. Revised Fiscal Analysis

The fiscal analysis for this reporting period was not revised and followed the budget designated.

## 9.10. Annual Budget

Table 9-1 provides a summary of the past annual expenditures and estimated expenditures for fiscal year 2004. The fiscal year is from October 1st through September 30<sup>th</sup> of each year. Finalized budget information is also provided for FY 2002. Financial information is provided for all ongoing MS4 work in the state and is not possible to track for specific permits. The FY 2004 estimated budget will be updated once the Statewide Phase II is finalized.

**Table 9-1 Annual Expenditure and Budget**

<b>Fiscal Year</b>	<b>Annual Expenditure</b>
FY 1999	\$142,111
FY 2000	\$1,017,346
FY 2001	\$764,142
FY 2002	\$638,881
FY 2003 (Incomplete Information)	\$396,858
FY 2004 (Estimated Budget)	\$500,000